

PERMIT APPLICATION: NRS 03.223

APPLICANT: David R. Wood
Fullen Dock & Warehouse
382 Klinke Road
Memphis, Tennessee 38127
901-358-9544

LOCATION: Mississippi River mile 740.3 left descending bank, in Memphis, Shelby County

WATERSHED DESCRIPTION: The project is located in the Mississippi River near the mouth of the Old Loosahatchie River outlet.

The width of the Mississippi River at this location is about 2,600 feet and the maximum depth is about 25 feet at low water. Velocities range from 3 to 5 feet per second. The substrate is primarily sand with some gravel interblended.

PROJECT DESCRIPTION: The proposed work involves dredging an area about 250' x 1000' x 10'. The basic purpose is to provide adequate depths for commercial barges and towboats to navigate in the vicinity of the dock. Barges are loaded and unloaded on a daily basis at the dock. During low water seasons of each year, depths are often inadequate to provide floating access to the dock. Periodic maintenance dredging is considered by the applicant to be absolutely necessary.

The total amount to be dredged is estimated to be about 50,000 cubic yards annually. The dredged material will be placed in an upland, contained disposal area. A 20-inch cutter head hydraulic dredge is to be used to perform the work. The material to be dredged is relatively clean, coarse sand as evidenced by the material dredged and disposed at the same locations in the past. A retaining dike is presently in place for the contained disposal. The retaining dike was constructed of the dredged material, which was primarily sand, and there is no spill box structure. The water from the dredged material is returned to the river through percolation through the sand-retaining dike.

The applicant is currently operating under permit number 98.272 that expires October 19, 2003. The material to be dredged has been deposited by the river since the previous dredging operation.

PERMIT COORDINATOR: Robby Baker

USGS TOPOGRAPHIC QUADRANGLE: Memphis TN





